

1. An automobile side curtain airbag, comprising:  
a first inflatable zone for providing impact protection for a vehicle occupant; and  
an integral uninflatable zone for covering a window opening on a side structure of the vehicle not covered by the first inflatable zone.
2. The automobile side curtain airbag of claim 1, wherein the uninflatable zone is perforated.
3. The automobile side curtain airbag of claim 1, wherein the uninflatable zone extends below the first inflatable zone.
4. The automobile side curtain airbag of claim 1, wherein the uninflatable zone extends adjacent the first inflatable zone.
5. The automobile side curtain airbag of claim 2, further comprising a second inflatable zone, wherein the uninflatable zone has a first portion disposed between the first inflatable zone and the second inflatable zone.
6. The automobile side curtain airbag of claim 5, wherein the first portion of the uninflatable zone is not perforated.

7. The automobile side curtain airbag of claim 5, wherein the first inflatable zone has an area larger than the second inflatable zone.

8. The automobile side curtain airbag of claim 5, further comprising a third inflatable zone, wherein the uninflatable zone has a second portion disposed between the second inflatable zone and the third inflatable zone.

9. The automobile side curtain airbag of claims 8, wherein the first and second portions of the uninflatable zone are not perforated.

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10. The automobile side curtain airbag of claim 1, wherein the side curtain airbag has a top edge mountable near a roof on a side of the vehicle and a bottom edge extendable below the window opening on the side structure of the vehicle when the side curtain airbag is deployed.

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11. The automobile side curtain airbag of claim 10, wherein the side curtain airbag further has a front edge adjacent to an A-pillar of the vehicle and a rear edge adjacent to a C-pillar of the vehicle when the side curtain airbag is mounted inside the vehicle and deployed.

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12. The automobile side curtain airbag of claim 10, wherein the side curtain airbag further has a front edge adjacent to an A pillar of the vehicle and a rear edge

adjacent to a D pillar of the vehicle when the side curtain airbag is mounted inside the vehicle and deployed.

13. The automobile side curtain airbag of claim 1, further comprising a pre-tensioning device connected to the side curtain airbag for positioning the uninflatable zone between the vehicle occupant and the side structure of the vehicle when the side curtain airbag is mounted inside the vehicle and deployed.

14. The automobile side curtain airbag of claim 13, wherein the pre-tensioning device comprises a tether connected to the uninflatable zone, the tether resisting movement of the uninflatable zone away from the side structure of the vehicle when the side curtain airbag is mounted inside the vehicle and deployed.

15. The automobile side curtain airbag of claim 1, wherein the uninflatable zone is thinner than a material of the first inflatable zone, the uninflatable zone is constructed of a material selected from the group consisting of netting, webbing, and mesh.

16. The automobile side curtain airbag of claim 1, wherein the uninflatable zone is a solid sheet.

17. The automobile side curtain airbag of claim 1, wherein the uninflatable zone is constructed of a material of the inflatable zone.

18. An automobile side curtain airbag assembly, comprising:
- a first inflatable zone for providing impact protection for a vehicle occupant in a front seat of a vehicle;
  - a second inflatable zone for providing impact protection for a vehicle occupant in a seat behind the front seat of the vehicle; and
  - an integral, perforated uninflatable zone extending below and between the first and second inflatable zones, for covering window openings on a side structure of the vehicle not covered by the first or second inflatable zones.
19. The automobile side curtain airbag of claim 18, wherein the uninflatable zone extends adjacent a forward side of the first inflatable zone.
20. The automobile side curtain airbag of claim 19, wherein the uninflatable zone extends adjacent a rearward side of the second inflatable zone.
21. The automobile side curtain airbag of claim 20, wherein the first inflatable zone has an area larger than the second inflatable zone.
22. The automobile side curtain airbag of claim 21, further comprising a pre-tensioning device connected to the side curtain airbag for positioning the uninflatable zone between vehicle occupants and the side structure of the vehicle when the side curtain airbag is mounted inside the vehicle and deployed.

23. The automobile side curtain airbag of claim 22, wherein the pre-tensioning device comprises a tether connected to the uninflatable zone, the tether resisting movement of the uninflatable zone away from the side structure of the vehicle when the side curtain airbag is mounted inside the vehicle and deployed.

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24. The automobile side curtain airbag of claim 23, wherein the side curtain airbag has a top edge mountable near a roof on a side of the vehicle and a bottom edge extendable below the window opening on the side structure of the vehicle when the side curtain airbag is deployed.

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25. The automobile side curtain airbag of claim 24, wherein the uninflatable zone is thinner than a material of the inflatable zones, the uninflatable zone is constructed of a material selected from the group consisting of netting, webbing, and mesh.

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26. The automobile side curtain airbag of claim 24, wherein the uninflatable zone is a solid sheet.

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27. The automobile side curtain airbag of claim 25, wherein the side curtain airbag has a front edge adjacent to an A-pillar of the vehicle and a rear edge adjacent to a C-pillar of the vehicle when the side curtain airbag is mounted inside the vehicle and deployed.

28. The automobile side curtain airbag of claim 27, wherein the first inflatable zone is located adjacent the top edge of the side curtain airbag, extending from adjacent a B-pillar towards the A-pillar of the vehicle when the side curtain airbag is mounted inside the vehicle and deployed.

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29. The automobile side curtain airbag of claim 28, wherein the second inflatable zone is located adjacent a top edge of the side curtain airbag, extending from adjacent the C-pillar towards the B-pillar of the vehicle when the side curtain airbag is mounted inside the vehicle and deployed.

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30. The automobile side curtain airbag of claim 29, wherein a portion of the uninflatable zone between the first and second inflatable zones is not perforated.

31. The automobile side curtain airbag of claim 25, further comprising a third  
15 inflatable zone for providing impact protection for a vehicle occupant in a rear seat of the vehicle when the side curtain airbag is mounted inside the vehicle and deployed.

32. The automobile side curtain airbag of claim 31, wherein the side curtain  
airbag has a front edge adjacent to an A-pillar of the vehicle and a rear edge adjacent to a  
20 D-pillar of the vehicle when the side curtain airbag is mounted inside the vehicle and deployed.

33. An automobile side curtain airbag assembly, comprising:
- a first inflatable zone for providing impact protection for a vehicle occupant in a front seat of a vehicle;
  - a second inflatable zone for providing impact protection for a vehicle occupant in a rear seat of the vehicle;
  - an integral, perforated uninflatable zone extending below and between the first and second inflatable zones, the uninflatable zone being thinner than a material of either inflatable zones; and
  - a tethering system connected to a bottom edge of the uninflatable zone for maintaining the side curtain airbag adjacent a side structure of the vehicle when the side curtain airbag is mounted inside a vehicle and deployed.

34. An automobile side curtain airbag system, comprising:
- an inflatable curtain;
  - a first inflatable zone in the inflatable curtain for providing impact protection for a vehicle occupant in a front seat of a vehicle;
  - 5 a second inflatable zone in the inflatable curtain for providing impact protection for a vehicle occupant in a rear seat of the vehicle;
  - an integral uninflatable zone in the inflatable curtain extending below and between the first and second inflatable zones, the uninflatable zone being thinner than a material of either inflatable zones; and
  - 10 an inflator.